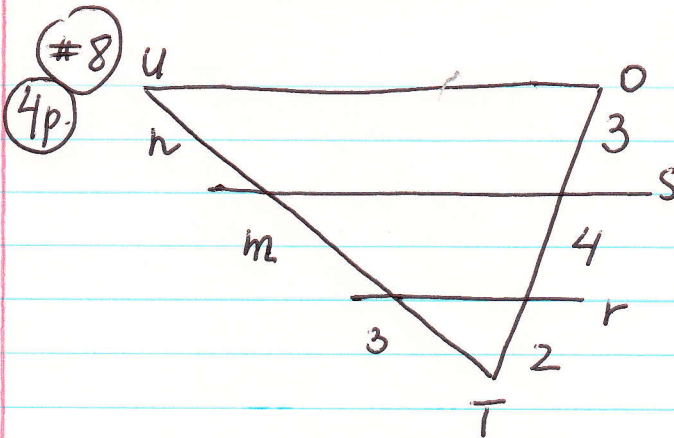


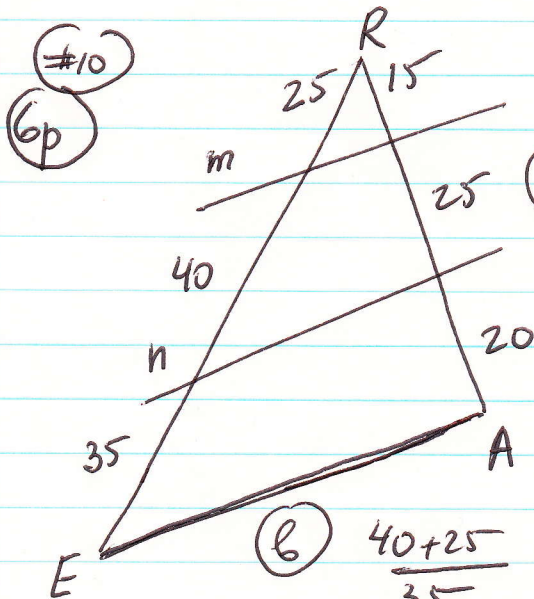
GIVEN: $SL \parallel OU$



(a) $RL \parallel S$ ACCORDING TO C-101, WE CAN WRITE:

$$\frac{2}{3} = \frac{4}{m} \quad 2m = 12 \quad \underline{m = 6 \text{ cm}}$$

(b) $OU \parallel RL$ C-101 $\frac{2}{3} = \frac{3}{n}$ $2n = 9$
 $\underline{n = 4.5 \text{ cm}}$



(a) $\frac{25}{40+35} = \frac{15}{25+20}$

$$\frac{25}{75} = \frac{15}{45} \cdot \frac{1}{3} = \frac{1}{3}$$

$m \parallel EA$ (C-102)

(b) $\frac{40+25}{35} = \frac{25+20}{20} \cdot \frac{65}{35} \neq \frac{40}{20} \cdot \frac{13}{7} \neq \frac{2}{1}$

$n \nparallel EA$

(c) $\frac{25}{40} = \frac{15}{25} \cdot \frac{5}{8} \neq \frac{3}{5} \quad m \nparallel n$